OIPE	vice.
SEP 2 2 20	Substil
RADEM	NF ST/
	317

Substitute for form 1449A/PTO

NINFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2

of Sheet 1

1			
	Complete if Known		
	Application Number	09/843,999	
	Filing Date	April 27, 2001	
	First Named Inventor	Roy Stephen Rumbaugh	
	Art Unit	2644	
4	Examiner Name	Swerdlow, Daniel	
	Attorney Docket Number	4096P009	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
3 5		US-6,005,933	12-21-1999	Takato	379/322_	
		US-				
		US-		·		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	=			
		US-				
		US-				
		US-				
		US-				
		US-		·		

	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	
Initials*	No.'	Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY		Where Relevant Passages or Relevant Figures Appear	
					-	

		4		
Examiner Signature	Dool	L-	Date Considered	12/1/03

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zalman (wtr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

SEP 2'2 2003 MADE Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of 2 **Sheet** 2

Complete if Known			
Application Number 09/843,999			
Filing Date	April 27, 2001		
First Named Inventor Roy Stephen Rumb			
Art Unit 2644			
Examiner Name	Swerdlow, Daniel		
Attorney Docket Number	4096P009		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
S		Current Loop Application Note, Document No. CLAN1495 (c) 1995 B&B ELECTRONICS. 13 pages.		
B		DATEL, DMS Application Note, 4-20mA Current Loop Printer. 3 pgs.		
B		STEPHEN WOODWARD, Electronic Design, November 20, 2000. Simple Current-Loop Transmitter Converts PWM To 4-to-20-mA Output. Pgs. 147-148.		
	>	KARL F. ANDERSON, National Aeronautics and Space Administration, 1994, Practical Applications of Current Loop Signal Conditioning. Pgs. 1-19.		
· · · · · · ·				

Examiner Signature	1500	Date Considered	12/1/03
_			

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include

^{&#}x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.